

FENDT

The Fendt World



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With Fendt,
the future is yours.

As a farmer and contractor you see it every day. The demands on you become ever greater, the influencing factors ever more unpredictable. You need to do more and more within an ever shorter timeframe. The world of farming is undergoing radical change. Yet despite this, your commitment to the industry means that you face the challenges head on. You fight on through adversity to produce the safest and best food, ensuring the health and wealth of our society, and making a key contribution towards sustainability and protection of resources through modern technology, your expertise and many years of experience.

We at Fendt share your passion for farming and use it to develop innovative products and customised solutions. The Fendt brand has seen radical change over the past few years. But through all this change, you can rely on one thing: Every machine contains all our experience, all our passion for innovation, all our skill and expertise.

That's why we will present the widest and best Fendt product range ever at Agritechnica 2017. Regardless of whether it's the tractor division, harvesting or forage harvesting technology or plant protection: The new Fendt products meet all requirements of modern farmers and contractors, and help you in performing your work even better, with even more convenience and even more efficiently in future.

Fendt. Greatness in every field.



Fendt IDEAL. A new dimension in harvesting.

A combine harvester which meets and exceeds the needs of all farmers and contractors worldwide, and which predicts losses through smart systems and makes adjustments fully automatically, so that you get the maximum yield at maximum efficiency. A harvester which sets new benchmarks when it comes to output and efficiency, and which provides reliability at all times through smart after-sales and service products. A whole new harvesting experience. The new Fendt IDEAL gives you the full package.

A radical, uncompromising new development with the clear goal of designing every module to its maximum potential is a huge challenge. This only succeeds when we pour our decades of expertise into every detail, and above all when we listen to the customer. Fendt IDEAL is therefore an example of what can be achieved today through the accumulated expertise of Fendt and AGCO. Based on decades of experience with track tractors, our centre of expertise in Jackson, USA has developed the new TrakRide drive for the Fendt IDEAL. Grain tank, loading equipment and much more comes from our harvesting centre of expertise in Hesston, USA. The drive and hydraulics come from our combine harvester centre of expertise in Breganze, Italy. The cab is produced by the cab plant in Asbach-Bäumenheim, and the electronics by Fendt in Marktoberdorf.

Due to the global, closely-integrated development, rigorous practical trials are also conducted in a wide variety of conditions around the world. The knowledge accumulated at all sites is incorporated into the new development of modules. That's how we ensure that you always rely on the Fendt IDEAL, regardless of the harvesting conditions.



The best tractor range ever. Now with 100% automated steering.

At Agritechnica 2017, Fendt will present the widest and best tractor range in the history of the brand. Fendt consistently allows technical innovations from its high-horsepower tractors to migrate across to its smaller vehicle ranges. This enables any farming enterprise to share in the economic benefits, e.g. of the guidance system, from 70 HP upwards. As well as the economic and ecological benefits of savings in seed, fertiliser and crop sprays, you'll enjoy the benefits of working more efficiently, and without getting tired.

On the Fendt 200 Vario, the customer has a choice between two systems: an automated steering ultrasonic system, or position-guided system via GPS. With the wayline-guided system, the tractor maintains the exact specified distance to the crops when working with implement combinations. This takes the strain off the operator, who can now concentrate fully on the implement. The 300 Series has been enhanced by ProfiPlus variants. The full range of VarioGuide automated steering options is available here.

The Fendt 500 Vario and 700 Vario series are Fendt's current volume models in the Power, Profi, PowerPlus and ProfiPlus configurations. "Plus" stands for the automated steering preparation module. With PowerPlus, Fendt offers the perfect entry variant for automated steering. Both Plus variants come with open system architecture, and therefore with a choice of NovAtel or Trimble receivers. The customer can define the precision of the guidance system himself: From VarioGuide standard, accurate to within +/- 20 cm, up to VarioGuide RTK with an accuracy of +/- 2 cm.



Fendt IDEAL and Fendt L-Series ParaLevel.

The Fendt IDEAL gives farmers and contractors the luxury of a whole new combine harvester in time for the 2018 harvest. With the three different models, the Fendt IDEAL achieves maximum output coupled with efficient fuel consumption. The Helix threshing and separating system ensures the ultimate in grain quality. When it comes to cleaning, the combine harvester does a great job thanks to the two concave grain pans, meaning that the front end of the preparation floor can already be filled with crop. With a capacity of 17,100 l, the Fendt IDEAL has the biggest grain tank on the market, and the quickest discharge rate at 210 l/s. Meanwhile, the new ScrollSwing control for the discharge tube and the AutoDock automatic table docking system allow you to work with accuracy and no stress.

The L-Series combine harvesters are now also available in a ParaLevel version. The system is based on a parallelogram and compensates for slopes up to 20%. This ensures optimal crop flow in any location, and guarantees high quality threshing even in difficult conditions.

Other new features include headers for maize harvesting: Fendt CornFlow™ maize headers are perfectly tailored to Fendt combine models and harvest grain maize extremely efficiently without losses. They also feature impressive durability and reliability with optimum accessibility for maintenance. Of course, as an original Fendt product, the well-established, comprehensive Fendt service and guarantee also apply to CornFlow™ headers.



Track tractors Fendt 900 Vario MT and Fendt 1100 MT.

For the widest implements and maximum area coverage, the Fendt 1100 MT is always your first choice. Its powerful 12-cylinder AGCO Power engine provides a maximum of 475 kW/ 646 HP at 1,900 rpm. Together with the maximum 36" wide tracks, the enormous engine power is converted into tractive power. The large contact area and low slip also mean that the track tractor is kind to the soil.

The continuously variable Fendt VarioDrive drive train and intelligent SmartRide suspension make the new Fendt 900 Vario MT an innovative track tractor. Its maximum efficiency comes to the fore even on the heaviest soils and on slopes, and converts power into area coverage with exceptionally wide implements. The large ground contact area and the new, larger track gives the Fendt 900 Vario MT its soil protection qualities. Thanks to the integrated Fendt iD low engine speed concept it always operates within the ideal speed range with maximum torque and minimum fuel requirement.



Self-propelled and trailed Fendt Rogator sprayers.

Thanks to its unique single-beam chassis, the Fendt Rogator 600 self-propelled sprayer provides a very low centre of gravity as well as outstanding, balanced weight distribution and a very stable boom. The hydraulic track width adjustment and variable ground clearance modification allow maximum flexibility and soil protection. The single-wheel suspension and new VisionCab on the Rogator 600 creates a whole new level of comfort. The whole range of VarioDoc data management options, wireless data communication and VarioGuide automated steering system, right through to RTK accuracy are available ex works.

A universal drawbar solution on the trailed Rogator 300, enhances the trusted, stable and unbendable single-beam chassis concept. The compact machine with a low centre of gravity allows you to switch between clevis-type coupling and hitch-type coupling at any time, and can be adapted to different tractors and tyre sizes. The chassis concept, based on the OptiSteer steering axle concept guarantees maximum manoeuvrability and protection of the crop – even with high and wide tyres. The Fendt Rogator 300 is fully ISOBUS-compatible and AEF certified. The trailed sprayer can be operated conveniently and reliably using the OptiControl joystick. The central Rogator hydraulics only use the power they actually need, and therefore guarantee the machine's efficiency.



Fendt Tigo and Fendt round balers.

Fendt is today launching its fixed chamber and variable round balers. Both models come in a number of different versions. The fixed chamber and variable balers equipped with a table come with the unique HydroflexControl system. The system clears blockages in the feed channel quickly and easily. With the advanced, quiet and maintenance-free pick-up, the balers provide the perfect forage pick-up whilst protecting the crop for optimal forage quality. The mechanical baler chamber lock ensures firm, well-compacted and evenly formed bales. If different materials need to be baled, you can choose between different knife groups with 13, 17 or 25 knives and can adjust the cutting length as required.

The Tigo XR and Tigo PR combi wagons are new additions to the Fendt forage harvesting equipment range. Their innovative design provides for an exceptional payload. The adjustable bulkhead allows the loading area above the pick-up to be used. This gives the Fendt Tigo 6 m³ more loading space which is optimised by the VarioFill loading and unloading system with its infinitely-adjustable control. The combination of advanced, maintenance-free pick-up and rotor with the lowest knife gap on the market guarantees high output and exceptional quality of cut. The work-friendliness of the combi wagon is largely down to its patented rotor tine quick-change system. The Fendt Tigo's controls are also user-friendly. All implement functions can be controlled via ISOBUS and the Varioterminal. A parallel mode option is also available via the separate loading wagon terminal.



Fendt Variotronic and Advanced Technologies: Commitment to progress is our tradition.

Fendt has always been one step ahead in agricultural technology: In the past, when the Fendt Diesellox tractor revolutionised farming, and indeed in the future, with innovative and groundbreaking technologies and Variotronic solutions that enhance the functions of Fendt machines, right up to the Fendt e100 Vario, the fully electric, battery-powered Fendt tractor.



Fendt e100 Vario. Our drive for the future.

The reduction of CO² emissions is central to all our futures, and agriculture is no exception. Many agricultural enterprises generate power from renewable sources, which is financially attractive if used on the farm itself. High-capacity battery technology is now available on the market, and is ideal for use in compact tractors. The ever-growing need to reduce noise and exhaust emissions is also a driving force behind the development of electrical systems.

For many years, Fendt has been developing practical solutions for the efficient use of electrical propulsion systems. With the Fendt e100 Vario, Fendt is introducing a practical, all-electric compact tractor with 50 kW power output, which can operate for up to 5 hours under actual operating conditions. The energy source is a 650 V high-capacity lithium-ion battery with a capacity of around 100 kWh. The battery is charged either with 400 V and up to 22 kW via a standard CEE outdoor socket, or by a supercharging option with direct voltage. With a standard CCS type 2 plug, the battery can be recharged up to 80% in just 40 minutes. In addition, energy can be recovered thanks to the use of an electric motor.

The Fendt e100 Vario allows the use of conventional as well as electrified implements. The electric tractor is fitted with two AEF-compliant power interfaces for electrical equipment. A short-term boost of up to 150 kW for the implements can be provided by the battery. A standard PTO connection is also available, as well as the normal hydraulic supply to implements. Therefore, the Fendt e100 Vario can be used with existing equipment with no additional caveats, but is also equipped to reap the benefits of using electrical implements.

The efficiency of the battery-powered tractor is increased by a completely new, energy-efficient type of thermal management. A regulated, electrical heat pump performs the task of air conditioning the cab as well as the battery and electronics. Energy management, including the tractor's battery information, can be monitored on your smartphone. You can also easily control comfort functions in advance, such as pre-heating in winter or air conditioning in summer, when connected to the mains supply.

Fendt e100 Vario features the easy and intuitive controls we know from Fendt Vario tractors.



The battery can be charged up to 80% within just 40 minutes.



Attachments are driven with the complete hydraulics or PTO, but can also be operated electrically at up to 150 kW at a time.



Front-mounted devices can also be driven hydraulically, electrically or by PTO.



Low maintenance, energy-efficient, silent and emission-free: That's the Fendt e100 Vario. As well as electrical attachments, all conventional devices can be used without restriction.

Fendt Xaver. On the way to production.

Fendt is launching its small robot unit, Xaver on the field. 'Xaver' is a traditional Bavarian name that has deep roots at Fendt. In the 1930s, brothers Hermann and Xaver Fendt founded 'Maschinen- und Schlepperfabrik Xaver Fendt & Co.', which was named after their grandfather, Xaver Fendt. When it comes to the new robots, the product name 'Xaver' represents a balanced fusion of tradition and the very latest farming technology.

Fendt's new Xaver system uses small robot units operating in swarms and a cloud solution to plan, monitor and accurately document the precise planting of corn. Satellite navigation and data management in the cloud allows work to continue round the clock, with permanent access to all data. The position and planting time of each seed is accurately recorded. Knowing exactly where the seed has been planted opens up new potential for the rest of the process, since subsequent operations over the plant cycle, such as protecting or fertilising plants, can be performed precisely according to the individual plant.

A key element of the Xaver project is intelligent management of the deployed robots. For example, a Fendt robot system consists of 6-12 units, and can therefore attain an area coverage of around 1 ha/h. Each robot is in constant communication with the controller. Data buffering and redundant communication helps cover breaks in network coverage. If a robot fails, the paths of all units are automatically re-optimised, and the remaining robots take over. You can also plant a mixed crop in the field, since each robot can be filled with different seeds.

Thanks to the battery-operated, electrical motor (approx. 400 W), the low weight (approx. 50 kg), and the autonomous operation, planting can continue round the clock, 7 days a week, even in conditions which conventional machines find difficult, e.g. due to the state of the ground or noise emissions. This increases the productivity and flexibility of the system. In relation to the large tyres, the ground pressure is almost negligible (approx. 200 g/cm²).

You can plan the required field, seeds, seed patterns and density on the Xaver app. The intelligent OptiVisor algorithm plans the robot's deployment based on your settings, and calculates the optimal paths for the units involved and the time required to complete the job.



The robots are easy to mechanically assemble, do not use complex sensors, and are therefore highly robust. Their small size and light weight makes maintenance easier, and means that the system is intrinsically safe.



With the product name 'Xaver', the new robots represent a balanced fusion of tradition and the most modern farming technology.



The robots need around 70% less energy than conventional processes to do the same work, and accordingly produce less CO₂ when doing so. Since neither diesel nor oil is required to operate the robots, there is no leakage and there are no local emissions.

agrirouter™ and NEXT Wayline Converter: open data transfer.



To date, farms with mixed fleets have been unable to transfer data in the vehicle fleet. The new agrirouter™ makes data transfer and operating processes easier, reduces admin work and increases efficiency. agrirouter™ is a data transfer platform, with which farmers and contractors can seamlessly transfer data between their machines and agricultural software applications.

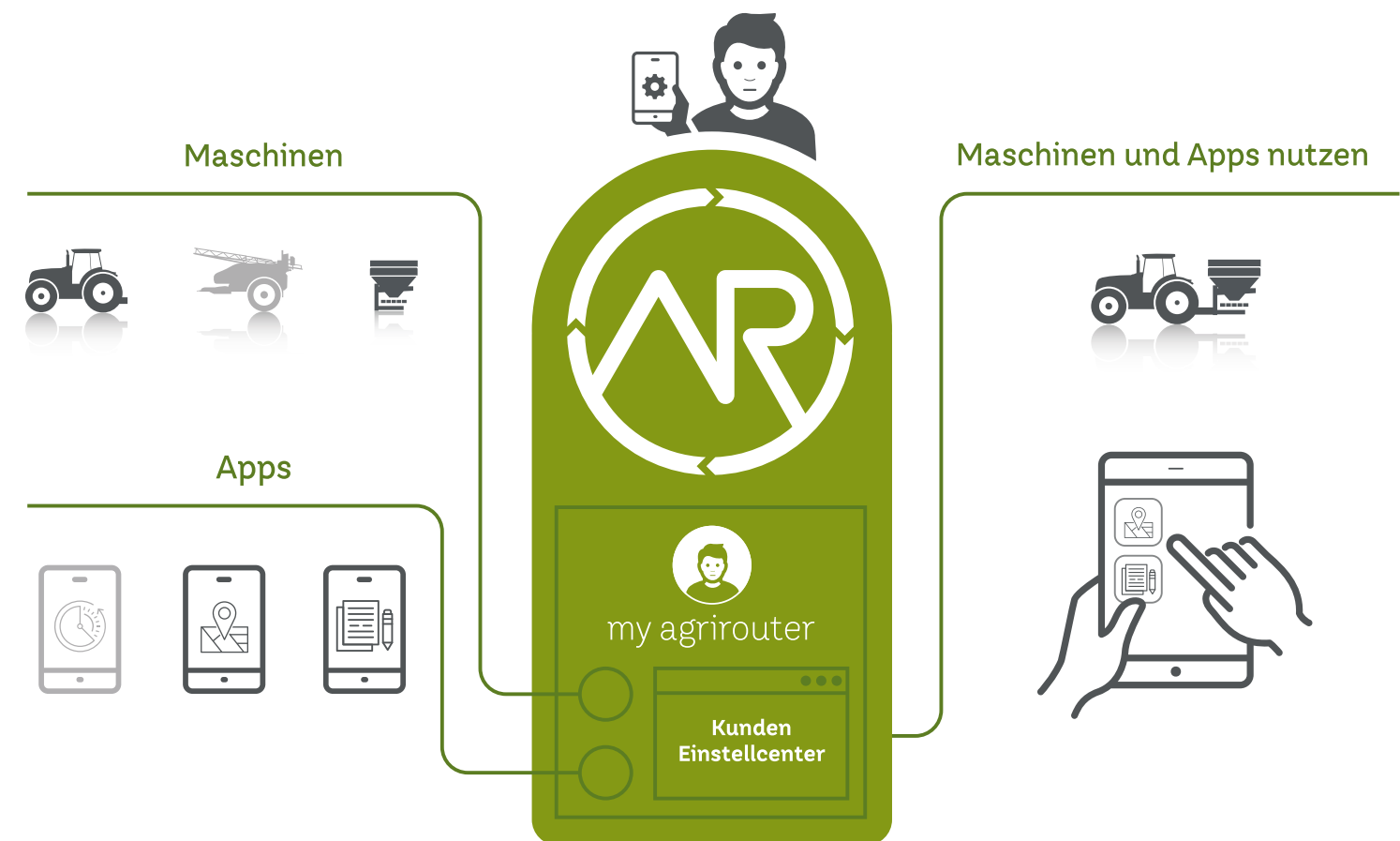
For Fendt customers, the agrirouter™ means more versatile use of the Fendt VarioDoc Pro documentation system. From November 2017, all Fendt 500 Vario models up to the Fendt 1000 Vario in its ProfiPlus version will include the VarioDoc Pro documentation system. VarioDoc Pro is also available for the Fendt Katana forage harvester and the Fendt IDEAL and X and P series combine harvesters. This makes transferring data between different machines from agrirouter™-linked field databases as easy as 1-2-3.

The user can determine what happens to his data at any time. All activities are compliant with the current data protection directives, or go significantly further with regard to security. The following always applies: The agrirouter™ transports data, but does not store it permanently. The agrirouter™ is a product of GmbH & Co. KG. At present, AGCO, Amazone, Deutz-Fahr, Grimme, Horsch, Krone, Kuhn, Lemken, Pöttinger and Rauch are members of this non-profit initiative in which every member has a say.

The NEXT Wayline Converter is a new web-based tool that converts data from one brand's GNSS-based steering system to another. This enables customers who use steering systems from different manufacturers to view localised data from different sources to easily exchange data between the various machine terminals, e.g. straight-line waylines or field boundaries. AGCO customers can access the NEXT Wayline Converter and log onto the FarmFacts website, where they can convert their data quickly and easily. NEXT Wayline Converter is now available to all Fendt customers.

Prospective agrirouter™ users can register from Agritechnica 2017 onwards, then set up their own agrirouter™ on a PC, tablet or smartphone by linking to their machines and software. Official launch will be in spring 2018.

- 1 Auswählen & Verbinden
- 2 Einstellen
- 3 Anwenden



With the NEXT Wayline Converter you can quickly and easily share data from GNSS-based steering systems from different manufacturers.



Regardless of which make of GNSS-based GPS steering system you used to record your waylines, with the NEXT Wayline Converter you can convert your tracks so they can be used on every Fendt machine.

We are not talking about Farming 4.0. We take it straight to your fields.

Fendt Variotronic is often mentioned in the very same breath as precision farming. You could be working with the new Fendt 200 Vario with innovative guidance system on the TIM Guidance-ready interface, or getting live, unprecedented indepth information on machine usage, fed from 52 mass sensors on your new Fendt IDEAL combine's IDEALharvest app. Fendt Variotronic solutions are characterised by their simple, intuitive use and are always stalwarts of efficiency and customer benefit.

All Fendt tractors can feature track guidance. And VarioGuide has some new features. The Contour Assistant and AdvancedWayline modes give you new wayline options: The new contour segment mode makes it easy to create waylines on the headland and in the field, and then to automatically select the right wayline segment. You can therefore choose how many waylines are covered by the headland, and with which contour segment the field should be processed. The new single track mode allows you to record a free-contour track. This does away with the parallel tracks we know of old. You can record all tracks made for plant protection purposes in the tramlines and record the headland as a track. Where processes are repeated, the combine is guided through the entire field.

As the first agricultural technology manufacturer, Fendt now offers a powerful and efficient solution for driving attachments via a 48 volt interface. The tractors offer up to 10 kW of electrical power for implements. The interface that is used is the easily modifiable AEF high voltage interface.

On large combines, the question arises of how to optimise the axle load distribution to prevent load relief, protect the soil and maximise the traction power of the tyres. The aim of Fendt VarioPull is to be able to set the ideal load distribution between the axles, by making better use of the existing weight of the operating equipment in terms of traction, taking the varying implement tongue weights into account. In doing so, the tongue weight is shifted as far as possible from the rear axle to front axle. VarioPull does this by drawing the coupling point, for example the lower link hook, as close as possible to the rear axle using a hydro-mechanical locking cylinder. This lowers the lever arm between coupling point and rear axle, and therefore reduces the load relief on the front axle.

Position-based GPS steering systems in the Fendt 200 V/F/P Vario work to an accuracy of +/- 2 cm.



The guidance system terminal on the 200 Vario is integrated to best effect and is easily readable.



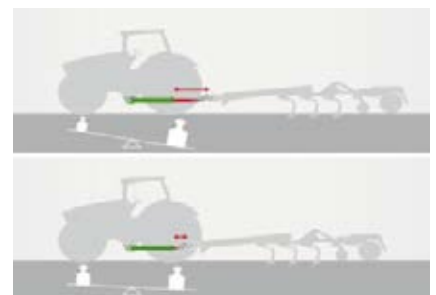
Ultrasonic sensors are used for track recognition within buildings or crops under cover.



These tractors offer up to 10 kW of electrical power for attachments. The interface that is used is the easily modifiable AEF high voltage interface.



A perfect view of the coupling point for fast and secure coupling.



Shifting the static and dynamic loads from the rear axle to the front axle enables a high and evenly distributed traction transfer.

Our core focus: Efficient plant protection for healthy crops.

In the plant protection sector, there's one name that gives you precise boom control, easy handling and optimal, reliable application: Rogator. The many years of experience and key technologies in the production of the globally successful self-propelled Rogator 600 sprayer also goes to make the trailed Rogator 300 a sprayer implement that meets the needs of modern, professional farmers and contractors.

ROGATOR 300	3.300 – 6.600 l
ROGATOR 600	3.800 – 6.000 l



Fendt Rogator 300. The trailed sprayer.

High-performance pump

A rotary pump with optionally self-priming unit and 785 l/min pump capacity, driven by the tractor's load-sensing hydraulics or the on-board load-sensing hydraulics, supplies all liquid-distributing parts of the system. The flow rate of the rotary pump prevents pulsation in the lines and ensures maximum application accuracy. There are no additional hoses or relief valves which are difficult to clean on membrane pumps. Application quantities are controlled via the pump speed – quickly and efficiently – and the pump only carries the required quantity of liquid for the spraying work, plus the specified quantity for the agitator. This helps the Rogator 300 to respond accurately to changing application quantities and different speeds.

Perfect trailing

30° steering angles allow a turning radius of just 3.8 m. The Fendt Rogator is therefore highly agile, and also protects the uncut crop when turning. The high-performance hydraulics or air pressure brake ensure safety on the roads, regardless of whether the tank is full or empty. Wheel tracks from 1.8 m to 2.25 m are available on request.

VariableRateControl (VRC)

VariableRateControl (VRC) shows its strength when it comes to precise dosing of liquids. For best effect, transfer the relevant application maps to the tractor before application using VarioDoc Pro. The exact application quantity is then sent to the Rogator 300 via the ISOBUS interface, and applied with great precision thanks to the VarioGuide steering system. VRC can be used to avoid returning to the yard with leftover liquid, and can assist when more specific quantities of pesticides need to be purchased.

Sturdy frame

The unbendable backbone of the machine, developed from the self-propelled frame, forms the basis for precise application and therefore effective use of your spray liquid. The boom is guided in front of the axle, so that the chassis only transfers minimal movements to the boom. The Rogator 300 always work with the utmost precision.

There are huge potential savings, especially at the field boundaries and headlands. The automatic section engagement facility takes the strain off the operator, as he no longer has to worry about section engagement. Potential savings increase even further if there are no tramlines, e.g. during pre-emergence work or on grassland.



Turning radius of only 3.8 m thanks to the 30° steering angle, controlled by the machine's job computer, meaning that even narrow, tight entrances are no problem.



The high ground clearance of up to 85 cm, and the smooth undercarriage with no sharp edges guarantee minimal damage to plants.



The maximum pump output of 785 l/min also means that liquid fertiliser application becomes child's play.

Fendt Rogator 600. Partner for Professionals.

Plant protection is a matter of timing

To best utilise the short windows, the full capacity of both man and machine must be available. For the operator's comfort, our category 4 certified AGCO VisionCab offers plenty of space with 4 m³ in the interior, and maximum legroom for extra comfort. A 6.4 m² glass concave screen guarantees optimal and, above all, glare-free all-round visibility at any time of the day or night. At a sound level of less than 70 dB(A), the VisionCab is pleasantly quiet.

Clutter-free and clean

The AGCO VisionCab has numerous well-designed storage options for the operator and his personal documents, as well as an integrated cool box under the original instructor seat. Lockable and sealed storage compartments are also provided on the outside for personal protective equipment, as is sufficient stowage for pesticide stock.

Plant protection means protecting plants

Optimal weight distribution protects the soil and therefore protects your plants. Regardless of the tank contents, the Rogator always has a weight distribution of 50:50 in its operating position. Four wheels of the same size of up to 2.05 m high and 710 mm wide and a large diameter (710/75R34) offer the maximum possible contact area. Its 4WD steering system means that the Rogator runs like on rails, even when taking corners. As on trailing axles, there are no inside wheels and plant damage is reduced. In the operating position, the steering automatically switches to front axle steering. The rear axle can be easily controlled manually to prevent drift on slopes. The HydroStar CVT drive performs the differential lock function via an intelligent power distribution. Each axle can transfer 100% power in extreme situations.

Practical induction hopper

The 60 l capacity induction hopper has an output of up to 200 l/min. Even large quantities of crystalline products can be quickly and easily dissolved at a rate of up to 33 kg/min. The operator fills the induction hopper from a comfortable height, and can fold it in and out easily using the gas pressure springs. All products are properly rinsed using the cleaning nozzle.

All controls are handily arranged in the right-hand console. The switches and membrane buttons are backlit glare-free.



The OptiRide axle provides 45 cm height adjustment and variable track widths. Flexibly adaptable to your needs.



The OptiFlow control panel is the easy way to control the intake of the pesticides.



The 785 l/min rotor pump is hydraulically driven, but works without pulsations and reacts quickly. For perfect plant protection.

There's never been so much to see at Fendt.

The new standard tractor range is not only the widest, but also the best in the history of Fendt. The performance range of the standard tractors goes from 57 kW/77 HP in the Fendt 200 Vario to 382 kW/517 HP in the Fendt 1000 Vario. Despite the differences, they are similar in many aspects: A straightforward, standard operating concept for maximum comfort, the continuously-variable Vario gearbox for maximum efficiency, and the individual options you would want from a high-tech tractor.

FENDT 200 V/F/P VARIO	53 – 74 kW / 72 – 101 hp
FENDT 200 VARIO	53 – 74 kW / 72 – 101 hp
FENDT 300 VARIO	74 – 97 kW / 101 – 133 hp
FENDT 500 VARIO	91 – 120 kW / 124 – 163 hp
FENDT 700 VARIO	106 – 174 kW / 144 – 237 hp
FENDT 800/900 VARIO	166 – 291 kW / 226 – 396 hp
FENDT 1000 VARIO	291 – 380 kW / 396 – 517 hp



Fendt 200 V/F/P Vario. My partner.

Pure performance

The performance range of the Fendt 200 Vario goes from 77 to a maximum output of 111 HP. The 3-cylinder AGCO power engine features passion and dynamics, as well as high performance coupled with unrivalled stability. The 4-valve technology together with the turbocharger and wastegate utilises the full power potential.

Easy to clean

Thanks to the diesel oxidation catalyst (DOC) and external exhaust gas recirculation (EGR), the stringent emissions standards from stage 3b are met without excessive maintenance. The compact tractors are extremely economical: reduced speeds and high torque allow transport speeds of 40 km/h at just 1,750 rpm. A new cooler unit, the high-performance air filter and reversible fan reduce the maintenance work needed to allow continuous operation with no interruption.

Less burden, better productivity

Current management methods in orchards and vineyards and specialised crops need up to 20 passes a year. This places huge demands on both people and machines, which in turn influence the results. For this reason, the Fendt 200 V/F/P Vario provides the option of using automatic steering systems via the ISOBUS standard and TIM Guidance-ready pre-installed module for the guidance system. This allows you to steer accurately over the area in relation to position, or to be guided precisely along the row using sensor systems, therefore always maintaining an ideal distance to the crop using the mulcher or sprayer.

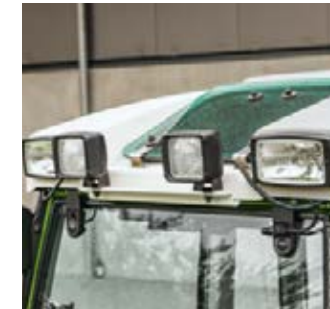
Let someone else do the steering

Position-related GPS systems can be steered to an accuracy of 2 cm during work. The machine also uses ultrasonic sensors which record the exact position of the row in real time, and therefore accurately steer the Fendt 200 V/F/P Vario at the pre-set distance. The module includes the hydraulic steering valve and the required sensors with wiring set. Your Fendt 200 V/F/P Vario offers integrated buttons on the control panel for activation.

Reversible fan allows easy, quick radiator cleaning without any downtime for operating efficiency.



The optional lighting module sheds light on the operating environment.



The footwell heater which is available on request, ensures warm feet on cold days.



The clearance lights are seamless integrated into the machine and keep the tractor size narrow.



Ultrasonic sensors are used for track recognition within buildings or crops under cover.

Fendt 200 Vario.

A true great. Anytime, anywhere.

Fendt Vario = ride comfort

The continuously variable Vario transmission guarantees ride comfort and savings potential. From 0.02 km/h (20 m per hour) up to a maximum speed of 40 km/h with continuous power transmission without changing gears, so you can always work at the exact speed that suits the work at hand. Even on extreme slopes you can brake continuously until you come to a standstill, secure the machine on the slope using the active stop control, and then drive away smoothly. This protects your ground and provides safety.

The right speed...

...for the PTO can be conveniently selected using a rotary control: 540, 540E and 1000 rpm are available in the rear (ground PTO optional). The external controls at the rear are extremely practical. The Fendt 200 Vario PTO has outstanding efficiency, since the flow of power to the PTO stub flows through a direct drive line from the Vario transmission. A 540E (750 rpm/min at the rated engine speed) or a 1000 PTO is available for the front mount.

Variotronic

Well thought-out to the last detail, but always with an eye on the big picture – all Fendt tractors offer you intuitive operation combined with functionality across all ranges. Pioneering technologies are also installed in the smallest Fendt tractors. The Fendt 200 Vario has a TIM guidance-ready interface which enables communication with an automated steering system via the ISOBUS standard.

VarioActive – Reverse in just one action

Steer quicker with the VarioActive steering system. With its introduction into 200 Vario, Fendt also offers the VarioActive steering system in the compact tractor class. With activated VarioActive steering, the number of steering wheel turns from full lock to full lock is halved. Using the superimposed steering system, a greater steering ratio can be activated by the touch of a button. It adapts to the steering movement and road speed, resulting in enhanced operating comfort, especially for front loader work in small farmyards or on headlands.

Front loader to Fendt standards

The Cargo 3X65 front loader is a special feature for the Fendt 200 Vario. This front loader is also "Made by Fendt". An in-house development, the Fendt Cargo 3X65 front loader has been ideally adapted to the Fendt 200 Vario tractor range. The Fendt 200 Vario and the Fendt Cargo 3X65 form the perfect unit. From the very beginning, all the dimensions and forces of the Cargo have been explicitly designed for the compact Fendt 200 Vario. This provides exceptional visibility with a balanced force and load distribution.

The electrical crossgate lever controls the front loader with extreme precision. The 3rd and 4th control circuits can be operated without changing hands by using the push buttons on the crossgate lever.



With the automated steering system, driving is always highly efficient, since overlapping or damage to crops is prevented.



The Fendt 200 Vario offers you interfaces to automated steering systems with GPS receivers up to RTK accuracy.



With the VarioActive superimposed steering system you can turn quickly into the next wayline.



Brake safely and without causing wear, and then drive smoothly away, even with heavy loads on slopes. Thanks to the active stop control on the Fendt Vario transmission, manoeuvres are as smooth as silk.

Fendt 300 Vario. Yes.

Investment with a high retention of value

Those who invest in a tractor, also invest in the future. With the Fendt 300 Vario, you lay the foundation for excellent, high-yield prospects. This includes efficient, cutting-edge tractor technology and proven Fendt quality as well as the latest software updates during servicing - an exclusive Fendt service for maximum resale values.

Just what you need for a successful work day

The Fendt 300 Vario meets all your requirements for robustness and flexibility. Increased traction and even more ride comfort thanks to the new front axle suspension with longitudinal arm, steering angle dependent 4WD automatic and 100% differential locks in both axles – the more functions that makes your work easier, from field to transport operations.

Safe driving, even with high payloads

The new Fendt 300 Vario is based on a robust cast half-frame, which is designed for a permissible overall weight of 8,500 kg and a high payload of over 3,500 kg. The space-saving half-frame design creates the space required for the new suspension with longitudinal arm, which provides especially high ride comfort. The waisted design of the half-frame creates more space for an optimal steering angle, which means greater manoeuvrability.

Powerful hydraulics

With a 110-litre delivery volume, the load-sensing pump (LS control pump) has a high volume capacity. This pump output allows the engine speed to be kept low, which saves fuel effectively, even during demanding operations. The Fendt 300 Vario is equipped with the powerful 110-litre LS control pump as standard in the Profi equipment level. The Power variant has an 84 l/min fixed flow pump as standard and may be equipped with a 110 l/min pump.

Clear view to the outside

The panoramic windscreen in the new cab is a great help in keeping an overview. The front window, without cross bar, curves up into the roof. That triples the viewing angle: with 77 degrees, you have an unobstructed upward view – even to the completely raised front loader. A door is available for the right-hand side for even more flexible entering and exiting. If you prefer a windscreen that opens, there is also one available for the Fendt 300 Vario with a divided window pane. In the VisioPlus cab you have a total of 6.2 m² of glazing for continuous all-round visibility without a B-pillar to get in the way.

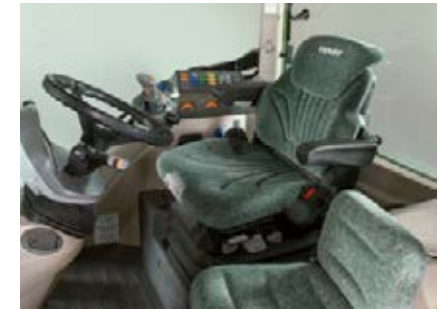
Don't miss out on efficiency and comfort: the 300 Vario series tractors offer you the same top-level VarioGuide guidance system as our larger ranges to ensure comfort and minimised overlaps for your grassland or field work at up to ± 2 cm accuracy. These systems are compatible with many common correction sources.



On the Fendt CargoProfi, for example, the tipping angle can be limited when loading very high trailers. The Memo function is especially practical for repeating sequences, for example, the horizontal lower position can be targeted automatically. The weighing function allows monitoring of the weight of the load.



The super comfort seat has a seat heater, a rotary adapter and a pneumatic lumbar support. These and many other comfort features make the VisioPlus cab the perfect workplace.



The front linkage relief control is especially useful, as the implements can be adjusted very quickly to handle any uneven ground.

Fendt 500 Vario. Your farm, your perspective.

The Fendt 500 Vario is the ideal all-round tractor that you can always rely on. It shows its strength during draft work, provides the precision needed for cultivation work, is especially economical when it comes to consumption and is comfortable and safe for transport. During front loader operations, at the latest, it will convince you with its manoeuvrability and visibility and give your farming enterprise a new quality and therefore an ideal perspective.

Whether on an arable, finishing or grassland farm, every implement immediately finds an ideal connection on the Fendt 500 Vario – a clear advantage for you, because you can meet the many requirements of your farm with only one tractor. Whether mid-sized or large-scale, today's farms are dependent on the high performance, flexibility, quality and efficiency of tractors. Prepare your farm for the future – with the Fendt 500 Vario, the tractor for any situation.



Thanks to its low weight, ISOBUS control and VarioGuide automatic steering system, the Fendt 500 Vario is your versatile machine for any situation, whether in the field, on grassland, or in the yard with the Fendt Cargo front loader.



The headland management Variotronic³ saves the procedures at the headlands. Up to 5 triggers, 13 saveable functions (incl. guidance) as well as simple adjustment when stationary, ensure consistent, excellent quality of work on headlands.



You can control ISOBUS-capable implements via the Variotronic Implement Control, directly with the joystick or Varioterminal. So you do not need additional terminals in the cab.



Fendt 700 Vario. The perfectionist.

Just being good is not enough. The perfect coordination of the tractor and operator is what produces successful results. To make your daily work a thing of perfection, we have brought together all of the best solutions in the new Fendt 700 Vario to build a perfected unit of power and manoeuvrability, precision, reliability, functionality and comfort.

The flexible tractor, with a horsepower ranging from 150 – 246 HP, is your powerful assistant in any situation – from light-duty grassland operations, through dynamic transport, to heavy-duty field or fleet operations.



On the Fendt CargoProfi, for example, the tipping angle can be limited when loading very high trailers. The Memo function is especially practical for repeating sequences, for example, the horizontal lower position can be targeted automatically. The weighing function allows monitoring of the weight of the load.



Easy to climb into, optimal suspension, ergonomic arrangement of the operating elements as well as more visibility and space with panoramic front window, 300° wiper, LED lighting concept, and much more – that is the Fendt VisioPlus cab.

Whether on grassland or arable land: The Fendt 500 and 700 Vario PowerPlus give you access a variety of VarioGuide automatic steering system options which enhance your comfort and efficiency.

Fendt 800 and 900 Vario. Well-designed in every way.

The Fendt 800 Vario is the popular high-horsepower tractor that scores high in compactness, flexibility and performance. With up to 287 hp, they are not only powerful in the field, but also superior for transport work. It is also superior down to the last detail, with intelligent and efficiency enhancing technologies, such as the tyre pressure regulation system VarioGrip, automated steering and much more.

The Fendt 900 Vario has been the leader on the tractor market for large-scale farms and contracting businesses since 1995. With a maximum output of 396 hp, the 900 Vario can simply do more and does it a lot better, thanks to intelligent technology. Benefit from the leading high-horsepower tractor and invest in the Fendt 900 Vario.



The tractor regulates the load limit fully automatically and adjusts the engine speed and transmission ratio. In this way, the engine and transmission are perfectly coordinated, which means extremely low fuel consumption.



In relation to the default setting, with VarioActive you only need approx. 60% fewer turns of the steering wheel to achieve the samewheel lock. With VarioActive, you profit through the faster reaction of the steering during tight turning manoeuvres at the headlands.



With the integrated tyre pressure regulation system VarioGrip, you can optimally regulate the tyre pressure for operations in the field and on the road. The tyre pressure is set to the ideal value when driving.

The front axle suspension of the Fendt 800 and 900 Vario offers enormous comfort at 60 km/h not only on the roads. The front axle, which has been specially adjusted for field work, never loses contact with the ground and therefore provides exceptional traction.

Fendt 1000 Vario. 500 hp for your daily Meisterwerk.

Big. Strong. Unique. Experience true strength, full traction, masterful controls and intelligent connectivity with the new Fendt 1000 Vario.

With full traction into a new class of tractor: During initial tests, the Fendt 1000 Vario really shows what it can do! It owes its engine horsepower, rated at more than 500 hp, to a multitude of Fendt technologies such as VarioGrip or GripAssistant that deliver the power reliably and efficiently to the ground in all situations. This enables it to retain flexibility during various operations, providing ride comfort for on-road travel that is unrivalled in this performance class. You can read the impressions of trade journalists and initial comments from the practical world in this summary.



Since there is no fixed forward ratio due to the variable 4WD, the front wheel drive can actively pull into turns – the “pull-in turn” effect. This effect alone reduces the turning circle in the field by up to 10%. VarioDrive minimises the otherwise usual tyre wear on the front tyres that is caused by cornering on firm substrates.



Fuse Connected Services is a service designed to help you work with your Fendt service partner to minimise downtime.



Conventional four-wheel drives usually have a fixed torque ratio between the front and rear axle. Fendt VarioDrive enables a variable four-wheel drive. The torque is essentially distributed separately to both axles via two gearbox outputs. Using an intelligently-controlled 4WD clutch, the torque is shifted between the axles according to need. This is called Fendt Torque Distribution

An unbeatable combination: Fendt Vario and Fendt Cargo.

Fendt now offers the Cargo front loader and CargoProfi for the 200, 300, 500 and 700 Vario series. Sensors installed in the swing arm allow completely new features to be realised, for example, a weighing and tilt function. This is how the Fendt CargoProfi offers you the optimal settings for safe and controlled loader work.

CARGO 3X/65	200 VARIO
CARGO 3X/70	300 VARIO
CARGO 4X/75 COMPACT	300 VARIO
CARGO4X/75	300/500 VARIO
CARGO 4X/80	500 VARIO
CARGO 4X/85	700 VARIO*
CARGO 5X/85	700 VARIO
CARGO 5X/90	700 VARIO

* up to 28-inch-wheels



Fendt Cargo und CargoProfi. The new front loader generation.

The CargoProfi

The new Fendt CargoProfi, available for the front loader models 4X/75, 4X/80, 5X/85 and 5X/90 represents the logical development of the tractor-front loader unit. The front loader has a new measuring and tilt sensor system as well as a job computer for recording and processing various data and settings. These are easy to adjust and view in the Varioterminal.

Overview with the Fendt Vario

During loader work, it is essential that you have a good all-round view. The Fendt Vario tractors have optimal upward and downward sight lines. The 300, 500 and 700 Vario series are equipped with the VisioPlus cab – a miracle of visibility and space. The windscreen on the cab curves up into the roof and permits an unobstructed view over a 77-degree sight angle and therefore to the raised front loader. The area between and in front of the front wheel arch has also been optimised. The bonnets on the Fendt tractors are always narrow and well-arranged – especially advantageous when pushing grain.

Shaken or damped?

The CargoProfi has a fast and effective shake function to ensure that all firmly packed material is dumped completely from the bucket. For loose material, on the other hand, losses caused by trickling are minimised through the new end position damping. The flow volume of the hydraulics is automatically reduced when approaching the highest or lowest position and the front loader reaches these without jerking.

Weight under control

The unique weighing function of the CargoProfi enables recording loads as individual and total weight. You have full control over the loaded quantity and total weight of the transport vehicle and can, e.g., utilise the loading volume optimally. The weighing function is also fully integrated in the operating concept of the Fendt Vario and is enabled with the push of a button. The information is always available for viewing in the Varioterminal.

Optimal loading work

Perform recurring tasks quickly and easily with the integrated Fendt CargoProfi memo function. The memo function allows you to save front loader arm positions and those of the attached implement, which you may need frequently, at the touch of a button, and to move to those positions again and again. For example, you can guide the bucket when loading bulk material exactly parallel to the ground every time, and store a maximum tipping angle in order not to damage the panels.

The automatic implement lock is hugely convenient and offers the ultimate in safety when changing implements.



Thanks to CargoLock and the multi-coupler, the front loader can be quickly mounted and uncoupled.



The panoramic windscreen which stretches right to the top of the vehicle provides an ideal view of the implement.



Since there are no cross beams and the lines are fitted inside, the Fendt Cargo front loader offers you the perfect view.



High-performance load-sensing hydraulic systems in Fendt Vario tractors makes it much easier to operate the front loader.

Because every straw counts. The new Fendt forage harvesting technology.

Efficient harvesting of quality forage is an increasingly tougher challenge. To help you overcome this, you need a partner on which you can rely, come rain or shine. This is why Fendt now offers a full forage harvesting technology range comprising premium combi wagons, round balers, as well as innovative developments in the mower, hay rake and twister divisions.

FENDT CUTTER	2.86 – 3.06 m
FENDT SLICER	2.5 – 9.3 m
FENDT SLICER TLX	3.6 m
FENDT TWISTER	4.3 – 12.4 m
FENDT FORMER	3.6 – 14 m
FENDT TIGO	31 – 54 m³



Fendt Cutter. Forage harvesting non-stop.

Drums that have proven their worth a thousand times over

Two main features of all Fendt Cutter drum mowers with their four drums are low ground pressure and carefully handling of the sward. The drums distribute the weight evenly onto the ground, and can therefore be used to cut damp crops. Two clean swathes are always formed, as the mower drums operate in pairs.

Innovative details

The drums with five bearings are fitted into robust cast iron bearing housings. Three teeth are always engaged thanks to the spiral bevel gears immersed in an oil bath, which gives Fendt Cutter drum mowers their outstanding durability. Easy drum maintenance is a feature of the bolted design. The skid plates are bolted on and can be easily replaced if worn. The special type of skid plate makes the mowers smooth to pull, and also prevents forage or earth from being shunted.

Automatically under tension

The elastic V-belt drive, which always sits perfectly thanks to the automatically tensioning device, directs the force to the hex shaft, which is protected against overload by a predetermined break point. This ensures that the force is distributed evenly. The Gleason teeth of the spiral bevel gears in the oil bath guarantees a long service life, coupled with an exceptionally low noise level and fuel consumption.

Fatigue-resistant design

Fendt Cutter drum mowers with their expansive square stainless steel frames are built to last. The mower mount is reinforced by a U profile for an especially long service life. This maintains stability inside the mower, and means that brief load peaks on the outer ends have no impact on the mower.

Best access

In order to perform maintenance, cleaning and a knife change quickly, special attention has been paid to accessibility throughout the machine. All guards open upwards and also stay up thanks to pneumatic springs. Knives are changed in seconds using a practical special tool.

The drums' rock-solid cast iron bearing housings ensure a long service life, and the 5 bearings ensure that the drums run smoothly.



Due to the large contact area, the Fendt Cutter drum mowers also help protect the soil even in difficult conditions. Efficient mowing in combination with a rear mower.



The quick-change system with practical special tool makes changing the knives child's play.



The +/- 5° swing means that the Fendt Cutter FPV can be adjusted to the ground, and that no stalk is left behind.

Fendt Slicer. Perfection to the last stalk.

Infinitely adjustable: TurboLift

Pressure can be applied hydraulically to the system from the comfort of the tractor seat, and the contact pressure can be adjusted to suit the operating conditions. All assisted by the well-positioned and easily readable pressure gauge. The system always calibrates itself on a headland. Alongside perfect forage quality, TurboLift appreciably reduces the tractive power needed, and makes big savings on fuel. At the push of a button on the TurboLift block, you can completely relieve the cutting unit contact pressure and park it safely and easily. Perfectly suited to the needs of small and medium-sized farms – Fendt Slicer mowers with spur gear drive. Due to their lightweight design, operating widths of up to 3.18 m with a power requirement of 50 HP and more are easy to handle. The drive consists of an elastic V-belt drive running from above into the first mower disc. The V-belt provides an efficient powertrain function and also serves as overload protection.

Compact drive, compact performance

The heart of the compact angle cutterbed is formed by the continuous hex shaft, which drives the individual angle drives and onto the flanges of which the mower discs are fitted. This produces a consistent power output which guarantees the best possible quality cut. The hex shaft and compact angle drive run in a lifetime oil filling which provides the best possible

lubrication in any situation. A pre-determined breaking point on the hex shaft allows you to continue working in the event of damage, by quickly turning the shaft. Depending on the swath shot, the mower discs can run in pairs or concentrically by turning the angle drive.

Unbeatable in combination

Our Slicer TL mower combination is the optimal machine for large farms and contractors. Unique details and intelligent solutions like the compact angle drive, TurboLift, SafetySwing and BeMove make the Fendt Slicer TL an efficient, durable mower for maximum area coverage, and you can enjoy the ultimate in comfort thanks to the standard ISOBUS control. The comprehensive ISOBUS control on the Fendt Slicer TL mower combinations is a convenient way to control all mower functions from front and rear mowers, at the touch of a button in the Varioterminal or compatible ISOBUS terminal. The functions can even be operated from the joystick of your Fendt Vario tractor. It's easy to activate the automatic folding, to control the cutterbed's active field pressure control at the touch of a button, and to show an overview of the mower's utilisation in the display.

Hydraulically folded guards allow a quick transport change in the operating position.



The unique patented SafetySwing impact guard can swing the mower combination up and to the rear, if necessary by up to 1.5 m.



The KC spring-loaded tine conditioner with adjustable counter comb can be adjusted with 5 settings.



The belts can be folded down and the crop discharged in the swath across the required width at the touch of a button. The belt speed can be adjusted at the touch of a button on the Varioterminal.

Fendt Slicer TLX. Simply increase the power.

Centrally suspended

The Fendt Slicer TLX features wide area coverage, an exceptional cut and easy handling, mainly courtesy of the special centre suspension. The mower unit on the Fendt Slicer TLX is suspended at the centre of gravity. This ensures excellent ground following and therefore protects the soil. On the Slicer TLX, the TurboLift system also provides a unique floating cut.

Folds like clockwork

The vertical transport folding of the Slicer TLX turns the tractor and mower into one unit on the road. Depending on the operating width, the mower folds open by up to 120°. The result: Best possible weight distribution, compact transport size, and low transport height for safe and comfortable road transport. Alternatively, the Slicer TLX can also be suspended in the vertical position and parked compactly.

Perfect cut in any conditions

Thanks to the operating height indicator, the height of the lower links can be set once when mowing with the Fendt Slicer TLX from the comfort of the cab. On headlands, the mower is simply raised and lowered by a single-acting control unit. The wide swing range of +28° to -18° provides for an exceptional cut even on slopes and embankments.

Perfect power distribution

The simple, straight-line and low-maintenance drive line direct power via implement drivelines to where it is needed: on the cutterbed. A direct powertrain function is also guaranteed in combination with conditioners. The SafetySwing impact guard is used in the event of a collision during mowing by swinging the mower up and to the rear, and returning it to its start position. The Slicer TLX features exceptional user friendliness, thanks to details such as the standard tool box, the surrounding plastic impact guard, and the tool-less front guard. On request, a hydraulic transport lock or hydraulically collapsible outer guard is available.

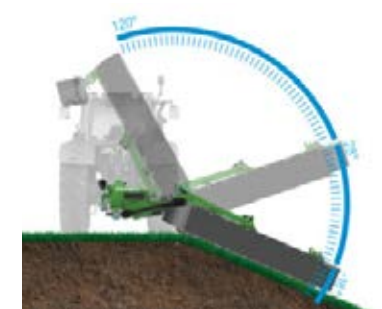
A mechanical and easily readable operating height indicator gives information on the cutting height at all times.



The guards can be folded out fully, making them easy to clean and maintain.



You will benefit from the Slicer TLX's large folding angle when working on slopes but also when transporting.



Through perfect weight distribution and the wide folding angle, tractor and mower merge into one unit on the roads.

Fendt Twister. 360° sophistication.

The all-rounder

The Fendt Twisters with three-point mounting and four, six or eight rotors can be used for any job and are ready to drive from 30 HP upwards. Large operating widths up to 8.6 m are also no problem for tractors below 100 HP. Fendt Twisters are really compact in the transport position. Thanks to the synchronized lifting of the rotor, working on a slope is made easy. The rotor speed can be reduced using the optional night swathing gearbox, the ideal way of forming night swathes when covering large areas.

Manoeuvrability is the key

The Fendt Twister with transport chassis turn easily due to their 8 to 10 rotors and an operating width of up to 12.7 m. The efficiency is also due to the manoeuvrability and the smart details. It begins with the smooth closing and opening of the rotor arms, which are stored in Y-shaped brackets without loading. The wide track and wide tyres of the twister ensure a smooth ride, and with 40 km/h maximum transport speed, you'll be at the next job in no time. The large transport wheels, which also act as feeler wheels, allow good ground following.

Perfection at the edge of the field

Maximum performance can be easily and conveniently achieved at the edge of the field, courtesy of the central edge spreading device. It is conveniently activated from the cab, and reliably prevents spreading beyond the field edge. A hydraulic edge spreader device, which can be retrofitted at any time, is available for the Fendt Twister tedder on request. A control unit is all you need to activate the device.

Hydraulically secured

The unique Security Lock System (SLS) is a reliable safety feature. If the rotor accidentally folds up while it is still running, the hydraulically-activated system will cut the power. The system also automatically positions the rotor, and centres itself when lifting.

Perfect results can also be achieved around the field edge thanks to the edge spreading device, around which the entire tedder pivots.



The 'Super C' tines are made from 9.5 thick heavy-duty steel, and are characterised by their long lifetime and exceptional results.



The synchronised lifting ensures safety during folding when working on slopes.



Very large working widths, all under control, even on slopes and headlands: That's what makes the Fendt Twister stand out from the crowd.

Fendt Former 14055 Pro. Tidy work.

Perfectly adjusted

All Fendt Former multi-rotor hay rakes have a fully cardanic rotor suspension. This gives them outstanding adjustability to the ground, both lengthwise and diagonally, with even forage which lies in wheel tracks or hollows being harvestable without being lost. As a result, the sward is also protected on uneven terrain.

Optimal forage quality thanks to Jet-Effect

The rotors' pivot outside the centre of gravity ensures that they lift first at the front and then at the back. The process runs in reverse when lowering: The rotor touches the ground first and then at the front, which stops the tines from penetrating the ground. Tines as well as the sward are therefore protected and the forage is kept free of dirt and contaminants.

High performance at your finger tips

Experience a new dimension of implement control with the Fendt Former hay rake, with ISOBUS control and a maximum working width of 14 m. Thanks to myMEMORY, you can retrieve previously selected settings such as raking height, operating width and swath width at the touch of a single button on the Varioterminal. This saves time on the way to the next job. The maximum transport height below 4 m also assures comfortable and safe road transport.

Automatically the right raking height

With the flexHIGH system, the Fendt Former 14055 PRO can be adjusted to the operating speed. When you drive faster, the resistance on the rotor at the front is increased by the larger volume of forage. This means that tines may be bent back and that the set operating height is not maintained. flexHIGH solves this problem by lowering the rotor slightly at higher speeds, therefore ensuring that no forage is left behind. The current position is always shown on the display via the position sensor.

Make best use of the operating width

Enjoy maximum efficiency and feel the benefit of the full operating width of 14 m, without leaving a single stalk behind. gapCONTROL allows you to monitor the overlapping range of the front and back rotors. An audible warning sounds to warn the operator if a critical limit is reached. This increases both the area coverage and the operating result.

When lowering on headlands, the back wheels touch the ground first, followed by the front wheels. When lifting, the rotors are raised first at the front. Jet-Effect protects the sward.



The SteerGuard steering system is simple but effective. The hay rakes have excellent ground following despite having few mounting points.



Whether its a single, two or four-rotor hay rake: All Fendt Formers are designed to make it easy to form your quality forage.



It doesn't get easier than this: The power of ISOBUS allows you to control any Fendt Former function at the touch of a screen.

Fendt Tigo. The perfect combination.

Optimum rated feeder with extended pick-up

The advanced pick-up of Fendt Tigo increases the efficiency of its loading wagon. With seven rows of teeth and a width of 1.90 m (PR) and 2.00 m (XR), the Fendt Tigo manages great raking performance. Due to the short distance between the pick-up and the rotor, the Fendt Tigo achieves a fluid and clean crop flow with a lower speed and a nearly identical peripheral speed. The result: An optimum raking performance and feed delivery to the cutting rotor even for short, dry grass.

The first component of VarioFill is the cowl.

More compact, easier, more manoeuvrable and shorter by at least 1 meter than other loading wagons in its class. With its 80 ° pivoting multi-functional cowl, the Fendt Tigo becomes the purest loading wonder. By using the space above the loading unit creates 6m³ more volume which simultaneously shortens the vehicle. The completely closed frame of the cowl offers the highest stability in turn. The interplay of weight saving and compact dimension make Fendt Tigo the payload champion. Combined with the Fendt tractor, it becomes an unbeatable team. You can profit from a better road holding during transport through the ideal weight distribution and optimum tongue weight.

Second component of VarioFill is the automatic loading.

Always exercise the right pressure with the Fendt Tigo. Each m³ of the loading volume is optimally utilised by the double function of the cowl as loading and pre-compactor wall, with integrated automatic loading and unloading. Adjust the 2 step automatic loading and adjust the compression pressure of the feed in a continuous manner through the terminal. The pre-compacting pressure can be customised optimum to the feed structure with this unique system. Whether it is higher pressure for a maximum loaded wagon or lower pressure to avoid disintegration losses in hay – as soon as the selected compression pressure is achieved in the pressure sensor of the hydraulic cylinder, the scraper floors automatically sets itself in motion. If the complete loading space is filled, the cowl moves stepwise forward. You take maximum advantage of the loading capacity with the VarioFill and work efficiently and preserving the feed.

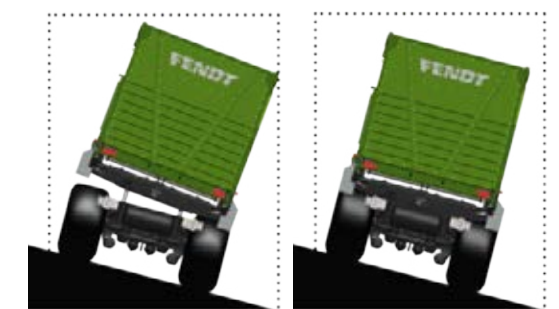
Your forage wagon is always optimally loaded with the continuously adjustable compression pressure.



The rotor with 800 mm diameter and seven spiral rows of teeth made of wear-resistant Hardox steel is equipped on both sides with large spherical roller bearings.



Without the automatic levelling control, the vehicle tilts downwards or to the side on slopes depending on the load and cornering speed. With automatic levelling control through the FSC, the vehicle always stands parallel to the slope. The vehicle always adjusts to the optimal chassis height depending on the load.



Together, both these machines form a combination of outstanding efficiency and payload. The vehicle is a whole meter shorter than its competitors thanks to the revolutionary cowl.

Experience the harvest as never before. Fendt combine harvesters.

Trailblazing technologies, the ultimate in efficiency and unrivalled ride comfort: The Fendt combine harvesters offer you everything you need to overcome the future challenges of farmers and contractors worldwide.

FENDT E-SERIES 5185	129 kW / 175 hp
FENDT E-SERIES 5225	160 kW / 218 hp
FENDT L-SERIES	179 – 225 kW / 243 – 306 hp
FENDT C-SERIES	225 – 265 kW / 306 – 360 hp
FENDT X/P-SERIES	279 – 365 kW / 379 – 496 hp
FENDT IDEAL	336 – 483 kW / 451 – 647 hp



Fendt E-Series 5185. My family – my fields – my Fendt.

You can always rely on your family. Just like on the next generation of the Fendt E-Series. These redesigned combines are equipped with the tried and tested components found in the bigger ranges and are therefore used to working hard. Robust, reliable and efficient, they guarantee high seasonal performance when it is needed the most. That makes it an assistant you won't want to do without, especially on family-run farms.

All operating elements are well-thought out and ergonomically arranged, so that you can control the combine easily and precisely. You can specify the speed and operate the cutter unit and the unloading tube with the multifunction lever. You have all the important operating elements at hand on the console on the right, for example, for the threshing cylinder speed. The digital on-board computer shows the speed, tank fill level and forward speed. The monitor adjusts the brightness, thanks to day and night modes.



You can control the entire combine using the side console of the Fendt E-Series. The digital on-board computer displays the running machine data. In addition to gear shifting, you can also operate the lights and speeds for the engine, threshing cylinder and blower here.



The so-called active, open rear walls of the steps further improve residual separation.



High performance, compact size: The Fendt E-Series is the compact but high-performance machine for family-run farms.

Fendt E-Series 5225. Makes hard work a pleasure.

The harvesting season demands the highest performance from both people and machines. This requires the full concentration of operators, who must be able to work together harmoniously with the machine. The new comfort cab provides plenty of space for that. The operating elements are ergonomically arranged. The generous size of the glazed areas in the cab and the large side mirrors guarantee the best visibility to the cutter unit, stubble and sides of the machine. And thanks to the multifunction lever, it is easy to control the 5225 E around the clock.

The threshing cylinder on the 5225 E has a 600 mm diameter for high inertia and performance. Eight counter-rotating threshing bars effectively separate the grain during the threshing process. Both the grain and straw are handled very gently, breakage is minimised.



Your valuable grain is in the best hands with the new generation of the Fendt 5225 E combine. Whether you are harvesting grain, oilseed rape or maize – the large, high capacity 600-mm threshing cylinder in combination with the large concave area guarantees intensive, but gentle, threshing and separating.



With 6500 litres, the grain tank of the Fendt 5225 E has one of the top capacities on the market. The combine is unloaded after just approx. 80 seconds thanks to the large-sized grain tank auger with a delivery capacity of 85 l/sec.



Whether FreeFlow or PowerFlow table – you make a good cut with both systems when it comes to uniform crop feed and a high output.

Fendt L-Series. Easy and efficient harvesting.

In order that you can find your way quickly around the controls, we have now equipped the L-Series with our tried and tested operating concept, the Fendt Variotronic. Adapted to the tasks of a combine, the clearly designed armrest is the most important operating element, just like in our tractors. Here you can make all the necessary machine settings. The soft surface of the armrest also provides you with maximum comfort. The Varioterminal 7" allows you to save up to ten of your own machine settings for all the main types of crops. By clicking on the saved setting, the machine automatically adopts the setting.

The concave features differentiated wire spacings. The clearance in the back section of the concave is twice as big as in the front area. This arrangement ensures an optimal ratio between good threshing capacity and high separation capacity. To optimise the threshing quality, you can adjust the concave independently at the front and back from the comfort of the cab.



Our C and L-Series combine harvester models are available in a ParaLevel version. The system is based on a parallelogram and compensates for slopes up to 20%.

The current and preset cutting height, straw walker and sieve grain losses as well as the returns volume are shown in the main menu.



In the standard version, the ABC (Active Beater Concave) module, which is an extension of the concave on the beater, really shows its advantages. The module enhances the separation capacity and the straw is fed directly and very uniformly onto the straw walkers.

Fendt C-Series. Intelligent harvesting for your efficiency.

For arable farmers and contractors who need to harvest many different crops, the Fendt C-Series can be converted in a flash with the new sectional concave. The front concave segment can be easily removed and exchanged through the open stone trap. There are two front concave segments, one with 14 mm wire spacing for intensive threshing when harvesting grain and a segment with 24 mm wire spacing for maize, soybean or sunflower harvesting. For enhanced grain separation, the universal segment has a wire spacing of 24 mm at the rear.

Fendt CornFlow™ headers are available with six or eight rows. The row spacing is either 70 or 75 cm. These maize headers are rigid or folding, and even the eight-row model remains within the 3.5 m transport width when folded as the special folding mechanism folds the header very compactly both vertically and horizontally. The operator therefore has excellent visibility to the front. All functions are conveniently operated with the multifunction lever.



The FreeFlow table has feed fingers over the entire width, which increase the output of the intake auger and guarantee active, fast feed into the crop elevator.

The comprehensive lighting concept ensures good working conditions – even at night.



Of course, as an original Fendt product, the well-established, comprehensive Fendt service and guarantee also apply to CornFlow™ headers.

Fendt X/P-Series. Technologies of the future.

The combines in the new Fendt X-Series and P-Series offer a selection of high-performance combines for farms that require power, reliability and the highest level of technology. The new models are tailored precisely to the needs of large-scale agricultural farms and contractors, where the focus is on operating costs and machine efficiency.

The Fendt Skyline cab offers plenty of space and room for your well-being. Through the innovative design of the combine, visibility to the most important areas, such as the unloading auger, stubble and table is optimal. There is also excellent visibility towards the rear using the electrically adjustable, heated mirrors or the standard specification reversing camera in the Varioterminal 10.4".

Like in the Fendt tractors, the clearly designed Fendt armrest is the most important operating unit. The Varioterminal 10.4" offers the perfect view of all key data. All key machine settings can be adjusted conveniently here at the push of a button.

The reciprocating separation rotors with the spirally arranged fingers actively pull the crop in and, through the centrifugal force that is generated, press it outwards against the concaves. This separates out the grain. This constant high separation capacity enables clearly higher harvesting output in comparison to straw-walker and rotary combines alone. Moreover, the active crop flow prevents blockages.



All models of the Fendt X-Series and P-Series are available in an AutoLevel version. The integral rump levelling system, which pivots the final drives, levels the entire machine is levelled on slopes.



The Schumacher cutterbar is tried and trusted a thousand times over. With 1,220 cuts per minute, it always ensures a clean cut. The knives are arranged alternately, so the cutterbar is self-cleaning and always remains sharp.



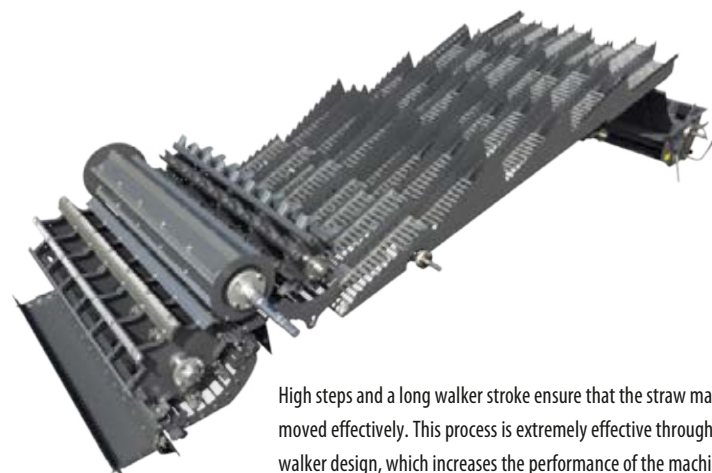
The SuperFlow high-performance intake auger with feed fingers over the entire width of the table, enables safe and gentle intake of all kinds of crops. Fast and easy adjustment of the intake auger allows operators to find the optimum setting for the best crop flow.



The new SuperFlow intake auger on the 10.70 m and 9.20 m PowerFlow table conveys large quantities of crop.



The grain tank capacities are adapted to the high machine output and have a capacity of up to 12,500 litres. That guarantees high efficiency, longer threshing times and therefore more time for harvesting.



High steps and a long walker stroke ensure that the straw mat is fluffed up and moved effectively. This process is extremely effective through the eight-straw walker design, which increases the performance of the machine.

Fendt IDEAL. Recolour your Harvest.

Different. Better. IDEAL

Fendt IDEAL. A combine, developed from a blank sheet of paper and with no limits, designed to open up new horizons in productive harvests. For the needs of professional farmers and contractors both today and in the future. An innovative threshing system, which always delivers the most efficient output and the cleanest results in any crop type and under any conditions. A machine which makes best use of even the shortest harvest window, with uncompromising quality and absolute reliability. An intelligent technology carrier which gives you an unparalleled harvest experience thanks to high-tech sensor systems and intelligent networking.

A threshing system without equal.

The complete new helix processor lies at the heart of the Fendt IDEAL. Two rotors with an enormous length of 4.85 m each provide perfect grain and straw quality. The material generates huge centrifugal force at a much lower rotor speed, but remains in the rotor for longer. Grains are therefore separated intensively and reliably, and straw is protected at the same time.

Simplicity and ingenuity always in the right balance

Why complicate things when they could be so much easier. IDEALbalance is part of the new intelligent cleaning system, which you'll only find on the Fendt IDEAL. Two specially moulded return floors have perfect control over the crop flow from the rotors to the preparation floor, while using the preparation floor's full length. For optimal loading.

A new dimension in automation

Fendt IDEAL sets new benchmarks in the field of automated machine adjustment. The threshing quality is visualised at any time by the real-time values of the installed sensors and the grain quality camera. Using the IDEALharvest app for tablets, you can select your favoured harvest strategy within a pre-set triangle icon. Minimisation of cracked grain, minimisation of foreign bodies, or minimisation of grain losses. For example, the Fendt IDEAL continuously adjusts the concave clearance or rotor speed to suit the selected strategy.

Total slope compensation up to 650 HP.

In order that you can always use the full capacity of the machine on slopes, ParaLevel automatically and easily compensates for gradients of up to 14%. This maintains an ideal crop flow in the machine and hugely increases safety. The large-volume tyres of a maximum of 800/70 R38 with a transport width of below 3.5 m on ParaLevel machines ensure low ground pressure.

AirSense cooling takes in air at the top and therefore the cleanest point of the machine. The reversible fan automatically changes the fan's blade setting at fixed intervals, and therefore blows the radiator clear.



IDEALharvest is an unprecedented real-time visualisation of the crop flow in the machine. 52 acoustic mass sensors (MADS) along the rotors and the shaker shoe enable precise recording and positioning of the crop flow.



The Streamer 210 with its tank capacity of 17,100 l and a fast discharge rate of 210 l/s provides enough capacity to match the huge output of the Fendt IDEAL.



The Fendt IDEAL is a combine that has been developed from scratch. During development, AGCO worked closely with its global centres of expertise and developed each module so that it gives perfect results under any harvesting conditions.

Power and reliability squared. Fendt big balers.

With big balers, the ideal compression pressure makes the difference. A perfectly compacted crop means more material per bale, less time in the field and in transporting. The Fendt balers offer you optimal bales for silage, hay and straw. The consistent shape and high quality of forage are the result of tried and trusted baling technology – the perfect addition to Fendt tractors and harvesters, and just as reliable and efficient.

FENDT BIG - - BALER	80 x 90 cm – 120 x 130 cm
FENDT SQUADRA 1290 N UD	120 x 90 cm



Fendt big balers.

High performance with absolute reliability.

Our story

The first big baler left the factory in Hesston, Kansas, over 35 years ago. It laid down the foundation for one of the greatest success stories in harvesting technology. The Fendt big balers have been produced there, in the sole possession of the AGCO Corporation, since 2000. Based on decades of experience in development and production, they are distinguished by stability, durability and perfected technology. Thanks to continual, practice-driven improvements, Fendt can offer you a choice of five high-capacity balers today.

Power Pickup for higher output

The powerful pickup is positioned low over the ground for excellent windrow pickup. A flat feed angle permits the crop to be guided straight into the baler. Characteristic for Fendt big balers is the large clearance between the drawbar and the pickup – designed for large windrows.

Everything is clean

A new integral traverse-impeller fan, which is standard on every Fendt big baler, optimises the results of the double knotter. A constant air stream blows any dirt that has entered the knotting area out again. The traverse-impeller fan, which is driven by the baler hydraulic system, can be easily folded up to insert the twine.

Smart and good-looking

The Fendt big baler not only looks good, it is also very functional. Large side panels that open provide an optimum overview of the fill level of the twine box. A twine storage capacity of 30 rolls ensures there is enough material for long work days. The balls of twine are stored at a 30-degree angle, which means the twine cannot slip or catch.

Flat storage of the twine makes filling easy and fast.



A new roller pressure pad and a large deflector plate ensure uniform crop flow into the baler.



The tried-and-tested double knotter in the Fendt big balers guarantees reliable tying, even under high pressure.



The bale chamber flaps are automatically controlled by the double-acting hydraulic cylinders in the baling channel.

Fendt Squadra 1290 N UD. Unstoppable.

The new generation

The Fendt Squadra 1290 UD big baler delivers exceptional baling density and efficient output. Its external design has ushered in a new look of the Fendt big balers. This powerful and robust, yet lightweight and compact machine from the AGCO plant in Hesston, USA is characterised by its innovative overall design, reliability and maximum durability based on decades of development experience. With this first-class top of the range model, the Squadra 1290 UD, Fendt looks to chart new paths. The machine is fitted with an innovative Ultra™ gearbox, as well as 6 double knotters combined with a new generation of twine.

Ensure perfect preparatory work

Processes upstream to the pre-compression chamber must be efficient. Two centring augers on both sides ensure that the crop is efficiently compressed right from the beginning, and even the large and irregular swaths are distributed consistently. The smooth and actively driven feeding mechanism runs across the entire pick-up width, and supports the feed of the largest swath to the 6 packer tines. The combination of the newly designed pick-up, the tines and the driven feed roller ensure that your output is increased by 20 percent.

Tough from start to finish

The new Optiform™ Ultra bale chamber has been specially developed to guarantee maximum baling density and a perfect bale shape every time. This is made possible by the 4.0 m long bale chamber of the Fendt Squadra that can generate more friction due to its optimally shaped press wall design, therefore producing attractive bales with clean edges. At the end of the day, you can empty the baling channel of any residues using the selectable length bale ejector.

More secure.

Thanks to the completely revamped patented double knotter system, the Fendt Squadra 1290 UD guarantees secure binding at maximum baling pressures. The knotter beaks are large and strong, and form a bigger opening for more space when placing and reliably holding the twine. You can therefore tie each of the bales securely. The big baler with only 6 knotters ensures less wear and excellent reliability. Trust is good, monitoring is better. Therefore, the electronic star wheel sensor installed at the centre of the baling channel measures the bale length, and automatically triggers the knotting process when the length set by you is reached.

Thanks to the height control using the feeler wheels, the controlled pick-up is relieved by integrated springs and can therefore pick up all swathes optimally.



The standard roller windguard and the actively driven, floating feed roller guarantee perfect pick up of the crop.



The density cylinders which are 55% (total diameter 178 mm) larger than those on the current Fendt XD big baler, generate enough force to achieve the maximum possible bale weight.



In order to handle the changing requirements of customers and to make long transport routes profitable, the Fendt Squadra 1290 UD has been designed so that it can produce bales with 20% more weight as compared to existing big balers.

Evident in each bale: Experience, innovation and reliability.

With Fendt round balers, your forage harvest and straw handling run like clockwork. The balers are designed specifically for reliability and performanceand offer innovative technical solutions, which make your forage harvesting easier.

FENDT VARIABLE ROUND BALER	0.7 – 1.8 m
FENDT FIXED CHAMBER BALER	1.25 m



Fendt round balers. Always in top form.

Our product for your requirements

Each operation brings new challenges for man and machine. That's why Fendt's four fixed chamber balers, the Fendt 1125 F, 4160 2125 F and 2125 F Profi, as well as the four variable round balers, the Fendt 4160 V, 4160 V Xtra, 4180 V and 4180 V Xtra offer you extensive equipment options and intuitive control. This ensures that you can give forage harvesting your full and undivided attention.

Pick-up for maximum output

The highest possible output can only be attained if you start with a perfect forage pick-up system. When it comes to Fendt round balers, this is guaranteed by a high-performance cam-track-free pick-up facility with a width of 2.4 m. The special geometry of the segment sheets and ideal angle of the extra-long tines have removed the difficulty from controlling cam tracks. Consequently, the pick-up contains fewer moving and wearing parts, runs smoother and is easier to maintain.

Two components, one baling process

The first component is the permanent suspension of the cutting floor, which is known as 'Flex'. A spring can be used to gently swing the cutting floor upwards and downwards. This ensures that the cutting floor can respond to fluctuating forage quantities. 'Hydro' is the second component of the system. This component involves two hydraulic cylinders, which make it possible to hydraulically open the floor from the cab at the touch of a button, in order to either eliminate blockages or change knives. Hydroflexcontrol enables you to move the machine over a long period of time hand in hand with high output.

Tail gate in motion

The tail gate on the variable Fendt round baler ensures perfect compaction throughout the baling process. At the start of the bale, the tail gate is in the top position in order to form a clean core. As the diameter grows, the tail gate moves mechanically downwards. The tail gate slides to move the bales towards the rear. This reduces the pressure on the feed section. The output is therefore maintained at its optimum level, whilst the bales retain their perfect shape. The even pressure distribution also reduces wear on the components.

The series includes the double-sided feed screws.

Thanks to their large shaft diameter, they never unravel the crop. Instead, they supply the crop to the rotor directly.



The EasyLoadSystem makes it possible to add net rollers in the shortest possible time.



Thanks to the small gap between the pick-up and the rotor, the forage is transferred both gently and reliably to the rotor.



When it comes to the harvesting of high-quality forage, you need machines that you can depend on. Fendt round balers give you everything that you need.

The power of precision: Fendt Katana forage harvester.

The more varied the conditions, the more the Fendt Katana forage harvesters play to their strengths. When working in grassland, it does not matter, if the terrain slopes, the ground is soft or the crop has different degrees of moisture. The Katana can manage any quantity of crop. The huge cutterhead and the six feed rollers can process the highest yields with the best chopping quality.

FENDT KATANA 65	460 kW/625 hp
FENDT KATANA 85	625 kW/850 hp



Fendt Katana 65. Can handle any situation.

Six feed rollers for effective crop feed

Crop feed over six feed rollers guarantees optimal pre-compression of the chopped material and produces high quality chopping results. The 770-mm width of the rollers permits feeding of large quantities of material. The cutting length can be infinitely adjusted from 2.6 to 42 mm, depending on the cutting drum, from the operator seat. Thanks to the independent hydrostatic header and feed roller drivelines, the header speed can be optimally adapted to the harvesting conditions. The cutting length remains constant.

Maximum chopping quality

Where others bite the dust, the Fendt Katana forage harvester lays down convincing performance with its innovative wedge disc crackers. After all, a high chopping quality also means higher profitability. The cutting length produced by the drum can be tailored irrespective of the application such as biogas or milk production. No matter the cutting length, the results are cracked maize kernels and an optimal crop flow, so that the energy grown in the field is well-conserved in the silo.

A true maize crack

In contrast to conventional roller crackers, the Fendt Katana forage harvester has individually exchangeable cracker discs. Their larger friction and pass-through surface area combined with the 20, 28 or 40-knife drum ensure maximum output as well as homogeneous chopped material.

Technology, always state of the art

Benefit from continuous development: With the annual free software update from your dealer, your Fendt Katana always stays up to date, and the functionality is extended. VarioDoc Pro is already included in the VarioGuide preparation, allowing you to extremely conveniently and reliably document all data, e.g. consumption and area coverage, and easily transfer it online to your field database. Fendt Katana is therefore ideally equipped for future requirements, so future-proof yourself.

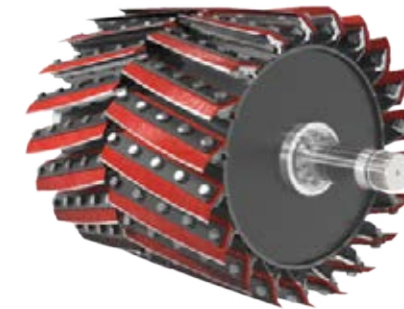
Economical ECO mode

During grassland operations where less power is normally required under normal conditions, the strengths of the Eco drive mode come into full play. With the two-speed angular gearbox, operators can switch between Eco and Power modes according to need and save precious fuel. This is accomplished by reducing the speed of the engine from 1900 to 1520 rpm. The speed of the chopping units remains constant.

The new generation of the V-cracker from the Fendt Katana 85 is now also available as standard for the Fendt Katana 65.



With a 720 mm diameter, the Fendt Katana has the largest cutterhead on the market. The V-shaped arrangement of the knives with up to 23,000 cuts/min (40-knife drum) enable an especially high cutting frequency



The V-cracker can be quickly pivoted out of the crop flow channel electrohydraulically to a position behind the discharge blower, the grass channel is automatically brought into the correct position.



Perfectly lit surroundings and therefore an optimal view of the header and discharge spout. All no problem on the Fendt Katana thanks to a range of lighting options.

Fendt Katana 85. The perfectionist in the maize field.

Switch and turn off

One glance at the new Varioterminal 10.4" in tablet form says a thousand words. This irreplaceable assistant has already established itself in the Fendt tractors and combines. Now all the most important parameters have a new design and are available in your Fendt Katana forage harvester. Another plus: the steering column. Important parameters, such as diesel and AdBlue fill levels as well as the driving lights, are indicated directly on the steering column, so you do not have to look at the terminal when driving on the road.

Precision from above

The Fendt Vario technologies make you faster and more precise than ever. The new Fendt VarioGuide automated steering system steers your Fendt Katana in two accuracy levels, +/- 20 cm and +/- 2 cm, thereby maximising area coverage. You have a choice of two different receivers and correction services.

Perfect crop flow from feeding to discharge

The perfect interplay of all components ensures a unique crop flow in the Fendt Katana forage harvesters. From the header to the feed rollers and the knife drum to the V-Cracker, all the individual components are infinitely adjustable to meet your individual needs. That increases output, lowers wear and ensures first-class, consistent chopped material right up to discharge.

100 percent service

To ensure that your Fendt Katana forage harvester delivers 100 percent performance at all times, we offer you 100 percent service. In addition to the best diagnostics-capability and ease of repair, this includes availability of replacement parts 24/7 during the harvesting season. We can guarantee that through a tight network of Fendt harvesting centres. The Fendt service network also guarantees fast lines of communication between you and our trained service employees. Any complex Service questions can be answered by the Service department in our headquarters. It can also find a fast solution to them, 100 percent.

Fendt Harvest Promise

Because during harvest time, it is important to have a partner you can count on. That is why we give you our harvest promise. We do everything to safeguard your harvest, and offer a widespread warehouse network for quick spare part delivery. We can therefore supply spare parts 24/7 and reimburse the costs of replacement machines.

Whether the new powerful R6-MTU engine in the Katana 65 or the MTU 12-cylinder V-engine in the Katana 85, the engines in the Fendt forage harvester unite a number of economical and practical benefits.



The Fendt documentation system VarioDoc logs all relevant data during operation.



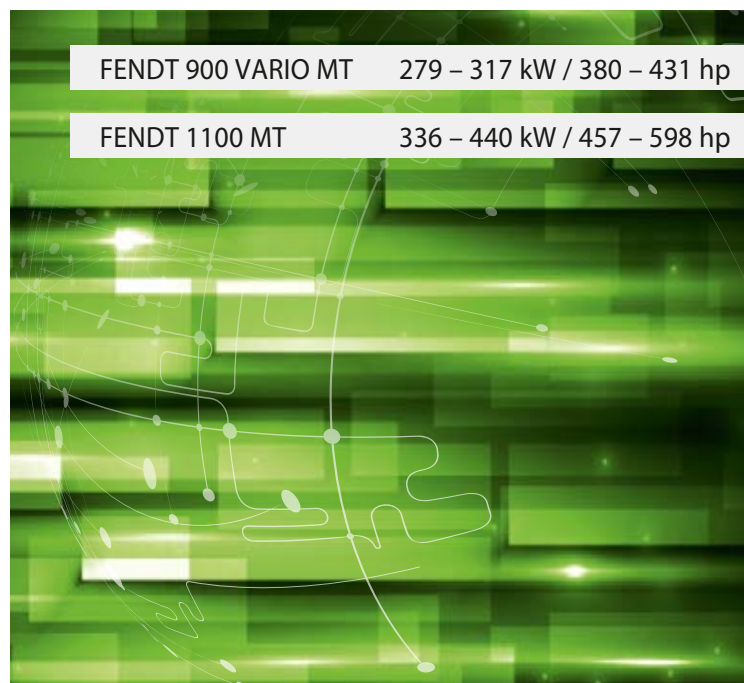
The reliable cooling system, always keeps the longitudinally mounted engine running in the optimum temperature range. The intake areas of the large cooling unit are continually cleaned through active dust extraction, so there is no build-up to obstruct air intake. You benefit from long maintenance intervals.



In maize, the disk cracker ensures reliable, excellent grain development. The large cutterhead guarantees unrivalled quality of cut.

Intelligence and performance combined.
Unrivalled traction power meets
Farming 4.0.

Machine power alone is no longer sufficient for efficient cultivation of large areas. Enormous potential lies in planning and documentation of work, and automatic control of partial widths and seed rates. Fendt Variotronic offers you the functions and interfaces that you need.



FENDT 900 VARIO MT	279 – 317 kW / 380 – 431 hp
FENDT 1100 MT	336 – 440 kW / 457 – 598 hp



Fendt 900 Vario MT. The perfect unity.

Everything you'd expect from a Fendt.

As opposed to the other tracked tractors, Fendt 900 Vario MT is not based on a standard tractor. It has been developed as a pure tracked tractor and you can feel that too. Widest implements, steepest slopes, most difficult conditions. Fendt 900 Vario MT is ideal for these challenges.

All advantages in one vehicle

The Mobil Trac System (MTS) of the new Fendt 900 Vario MT is the result of more than 30 years of experience with track tractors. The wheelbase has been extended by 13 cm to 2,565 mm as compared to the previous versions. The ground contact area is 1,612 cm² with 25" wide rolling tracks. In case of 30", it is 1935 cm². This means: more traction, less ground pressure; an optimal weight distribution across the entire contact area even in the case of a heavy load. And, of course, optimised ride comfort.

Vario gearboxes of the latest generation

The revolutionary Fendt VarioDrive drive train from the standard tractor Fendt 1000 Vario has been extensively and optimally adapted for the Fendt 900 Vario MT. The result was the innovative and efficient continuously-variable ground drive for tracked tractors, which fulfil all the practical requirements. As a result, you can drive in a continuously-variable power-

split way in a speed range from 20 m/h to 40 km/h and without having to manually change between the speed ranges. You can therefore always work within an optimal speed range with minimum slippage when operating Fendt 900 Vario MT. What you experience is huge power transmission and the best jerk-free ride comfort.

Fendt iD low engine speed concept

The powerful and highly efficient seven-cylinder AGCO Power engine operates under the hood of Fendt 900 Vario MT. The engine generates up to 317 kW/431 HP from 9.8 l cc at a rated speed of just 1700 rpm. Two turbochargers with fixed geometry, which are fitted in succession, ensure consistent power generation and never-ending power. Maximum torque of 1921 Mn is achieved at 1450 rpm. This is made possible by the Fendt iD low engine speed concept. The speed range of the engine is between 1000 and 1700 rpm. During idle running, the engine speed is just 800 rpm. Experience unbridled power and extremely efficient work during every use thanks to Fendt iD.

Everything you'd expect from an original Fendt: The Fendt 900 Vario MT cab offers the ultimate in comfort and convenience with the Varioterminal 10.4" and multi-function armrest.



The middle rollers are spring-mounted by ConstantGrip in order that ground contact is not lost and power can be permanently transmitted.



Even on headlands, the Mobil Trac System shows its strength and does not create deep tracks. Variotronic^{II} headland management saves you the time and trouble of having to act manually.



Huge tractive power and innovative solutions for precision farming: Thanks to SectionControl and VariableRateControl, the new Fendt 900 Vario MT has it all.

Think Fendt 1100 MT. Think BIG.

Key features

Fendt 1100 MT was designed based on years of experience, consistent further development and a constant willingness to help farmers and contractors all over the world to achieve maximum efficiency and performance. With its 12-cylinder AGCO Power engine and innovative drive technology, it sets new standards in the field of power transmission.

Robust design without compromises

The MTS chassis has a robust lengthwise design with rubber tracks, which are powered by fractional engagement instead of by sprockets and driving teeth. The drive wheels at the rear axle are driven by rolling tracks and have a large diameter in order to increase the contact area between wheel and treadbar, and therefore to reduce track slippage. The front guide wheels stretch the rolling tracks by pushing them forward against their inner surface. The pressure directed forwards onto the guide wheels is provided by a hydraulic cylinder and a pressure accumulator so that a treadbar tension of just 142 kN is generated.

An engine with no equal

The Fendt 1100 MT is driven by a 12-cylinder AGCO Power diesel engine. These engines have been specially developed to meet the requirements of farming and are unique to tractors. The V12 delivers high torque and is extremely insensitive to engine lugging. The AGCO Power Engine has 16.8 l cc and is available with 457 to 598 HP rated power. The engine is more compact in terms of length and height than a 6-cylinder in-line engine. The engine noise is especially low and pleasant thanks to the more compact design.

Active swinging drawbar

An active swinging drawbar can be ordered for Fendt 1100 MT tractors without linkage. Two hydraulic cylinders under the tractor are connected to one of the rear control valves, and swing the drawbar by 28° in both directions. In the process, the swinging drawbar moves on the rollers without wearing. The swinging drawbar can be arrested using bolts; if the control valve is switched to floating position, the drawbar can swing freely and is damped hydraulically in the process. The active swinging drawbar makes the track tractor more versatile and increases the influence of the operator.

The large trumpet housing ensures a long service life.



The iCAC intercooler pre-cools the charge air and therefore increases the torque.



The pendulum suspension of the rollers ensures perfect ground-hugging and constant ground contact.



The profi comparison test of large tractors shows that the Fendt 1100 MT transfers the greatest engine horsepower (72%) to the ground (profi 12/2016).

AGCO Finance – Growth from real partnership.

Based on our experience and expertise, Fendt machines meet the high expectations you have of today's agricultural machinery and software solutions. You have the same high demands of flexible and secure financial services, and, again, we meet these with AGCO Finance. AGCO Finance is at home in the farming world and is well acquainted with the special requirements of farmers and contractors, which is why AGCO Finance offers financing options that can be flexibly adapted to seasonal cash flows. The use of state-of-the-art agricultural equipment no longer remains a viable option, but becomes a feasible solution that will help your business.

Credit // Fully flexibility

- Customised contracts
- Seasonal repayments
- Blockrate at maturity
- Individual payment holidays
- Fixed interest rates for the entire term
- Other options like PROTECT purchase price protection, maintenance and warranty extensions

Leasing // optimising cashflow

- Customised durations
- All-round hassle-free service bundle
- Usually tax-deductible as operating expenses
- Stabilising and improving the balance sheet structure

Rent // Use instead of buy

- Always use the latest technology
- Relieve your credit line
- Maximum cost efficiency with minimal downtimes
- All-round hassle-free service bundle
- Tax benefits

Interested?

Contact your nearest Fendt representative, sales partner or your AGCO Finance Area Manager. To find out more, please go to www.agcofinance.com.



AGCO Finance
PROLEASE

AGCO Finance
PROTECT

AGCO Finance PROLEASE:
The full-service rental plan for your combine harvester or forage harvester.

AGCO Finance PROTECT:
The smart purchase price protection for your farming equipment.



Fendt StarService: 100% protection 100% easy.

Fully protected with comprehensive warranty extension

With the new tariffs on its manufacturer's warranty extension, Fendt offers an even more comprehensive offer to protect the safety of use and repair risk of new machines. This is a decisive advantage for customers with particularly long runtimes and many operating hours, it's a professional way to secure performance, operational safety and cost-effectiveness.

New from January 2018*:

- Fendt offers the most comprehensive cover and term in the industry. AGCO Original Parts are also covered. These include headers or front loaders
- New flexible terms and long-term premiums – available with and without excess
- Thanks to the new premiums, other risks such as breakdown recovery and towing, vehicle diagnostics including PTO dynamometers can now also be covered in a complete package alongside the normal repair costs
- Fendt will also offer customers who already have a valid warranty or extended warranty, the option of extending their insurance







Top used vehicles with Fendt StarCertified

If you decide on a used Fendt, together with its sales partners Fendt offers the StarCertified seal on selected machines. Fendt's award-winning machines have undergone intensive testing at its sales partners to ensure their status as valuable and well-maintained used machines. The test includes a catalogue of more than 200 points for tractors, including the history of the machine. Fendt StarCertified approves tractors with a maximum of 4,000 operating hours and a maximum age of 6 years. Combines and shredders may not have worked more than 2,000 hours and must not be older than 4 years.

After the technical and visual tests, the machines are prepared. When purchasing a StarCertified machine, the customer receives a comprehensive one-year warranty with StarWarranty. The customer can request this to be extended after expiry, as follows: For tractors up to a machine age of 8 years or 8,000 operating hours and for harvesting machines up to 5 years of age or 3,000 operating hours. This guarantees you are purchasing a used machine in top condition.

You have invested in the best technology for the best performance. Protect this technology and ensure full operational safety, full cost control and maximum value stability.



						
Max. hours	8,000	3,000	3,000		10,000	6,000
Max. years	1 + 7	1 + 4	1 + 4	1 + 4	1 + 7	1 + 4
Cover (excluding wear and tear)	full cover	full cover	full cover	full cover	full cover	full cover
Excess	€0.-	€0.-	€0.-	-	€0.-	€0.-
	€ 190.-	€ 190.-	€ 190.-	€190.-	€ 190.-	€ 190.-
	€ 490.-	€ 490.-	€ 490.-	-	€ 490.-	-

With the new tariffs on its manufacturer's warranty extension, Fendt offers an even more comprehensive offer to protect the safety of use and repair risk of new machines.

* Participating markets and models only. Subject to change and unforeseen error.

Welcome to the world of AGCO.

AGCO is one of the world's leading manufacturers and suppliers of agricultural machinery, software solutions and services for the agricultural sector. Its portfolio includes wheeled and tracked tractors, combine harvesters, forage harvesting and drilling machines, muck spreaders and plant protecting equipment as well as tillage and grain storage systems. Through brands such as Fendt, Massey Ferguson, Challenger, Valtra and GSI, AGCO has created a brand diversity that makes this company unique and a reliable partner in terms of design, production, sales and service. Customer satisfaction is always the top priority for AGCO. Through ongoing innovations and investment in research and development, AGCO creates innovative and high-performance products that support the farmer and contractor in their daily work and deliver efficient solutions for the future. By collaborating with a powerful distribution network of more than 3,000 independent dealers, distributors and licensees in over 140 countries around the world, AGCO succeeds in not only fulfilling but surpassing the needs of its customers.

Fendt has been part of the AGCO Group since 1997. Within the AGCO Group, Fendt takes on the role of the innovative premium brand with a complete product portfolio and offering customers the ultimate in cutting-edge technologies. All Fendt products benefit from the huge amount of expertise that comes from combining all the knowledge from every AGCO site in developing and testing new products worldwide. Every product shouts out our spirit of innovation, our high quality standards and our passion for farming.



High-tech comes from high-tech.

Leaders drive Fendt. The slogan is symbolic for what the established Fendt brand has always stood for. Fendt is not just a name, Fendt is a belief. With its technical solutions and innovations, Fendt changes the face of farming again and again, supporting farmers and contractors around the world, making their daily work even better, even more efficient and even more resource-efficient.

Fendt uses experienced staff across its 9 production sites every day as well as state of the art solutions to set the benchmark for utmost quality, using the latest generation machining centres, cutting edge CNC machines and laser cutting machines. With the world's most advanced painting system for tractor body painting, Fendt has set an unprecedented milestone in the industry. Today, every workplace and processes meets the latest expectations. Customer orientation is lived and breathed in Production and Assembly. At Fendt, high-tech breeds high-tech.



About our sites.

The main sites for outstanding Fendt products are in Marktoberdorf and Asbach-Bäumenheim. All standard tractors are developed and produced in Marktoberdorf while Asbach-Bäumenheim is the home of Fendt cabs. Fendt concentrates and bundles all its skills to make this possible. The cabs are delivered to the Marktoberdorf Assembly line just in time and just in sequence. Both sites are fully equipped with latest technologies and cutting edge equipment.

Fendt continuously works on improving and becoming more effective. The Marktoberdorf site introduced the innovative and fully flexible assembly concept "VarioTakt" for tractors. "VarioTakt" uses variable timing across the Fendt tractor range to build customised orders in a one piece flow. From the 200 V/F/P up to the 1000 Vario, all tractors roll off the same assembly line. With a single assembly line we can respond quickly and flexibly to customer orders. The concept ensures a constant workload for the staff, a considerable increase in efficiency and quality assurance.

Fendt cabs and hoods are made in Asbach-Bäumenheim. Production starts with the delivery of raw materials in the form of tubes, profiles and sheets. Using the latest technologies and high-tech equipment such as flatbed or 5-axis lasers, single-part production lays the foundation for exceptional quality and unique design.

The components of the cab and hood are processed with high-precision from the very first step. Complex contours are cut out of raw material boards in a 2D-laser cutting process. The striking and unique design of the Fendt tractors, characterised above all by their cab and hood, is achieved with the 3D cutting on state of the art laser centres. The technique of both 2D and 3D cutting guarantees the components are prepared to precision.

This latest welding technologies and processes are used here, like the innovative welding robot. It is with these modern methods that Fendt can produce unique cabs like the VisioPlus cab with its curved panorama windscreen. In the latest automated hood machine, the hood parts are



glued and bonded in a processing cell in a fully automatic process. The use of automation guarantees the highest level of ultimate quality for every single hood.

After unloading the scheduled truck in Marktoberdorf, the cabs are loaded onto a conveyor system. A special electric overhead conveyor automatically brings the cab into position above the right tractor body and lowers it with precision. Another technical highlight in Marktoberdorf is the wheel assembly. The wheels are delivered by being prepicked from special racks in production sequence. Laser-guided electric walkie pallet trucks pick them up and drive them automatically to the location. The tractor body is lifted up to 600 mm so the wheels can be mounted in an ergonomic, partially automated process.

Jackson: This is where our tracked tractors and tracked drives are developed and built for harvesting machines. Jackson uses Smart Glasses to bring quality and innovations to the fore. This portable computer shaped like a pair of glasses allows employees in Assembly and Quality Assurance to view work instructions and use structured checklists. Experienced staff perform each work step faster and to a higher standard.



Waldstetten: Made-to-measure loading wagon construction. Each Fendt Tigo forage wagon is specially produced according to customer requirements. All machines undergo 100% functional and finish testing. The finishing touch is applied in the finish and painting department. Ending with a perfectly painted premium forage wagon rolling out of the plant.



Wolfenbüttel: This development and production site for fixed chamber and variable round balers draws on a great deal of experience. This experience is reflected in the high production quality of every baler and constant further developments are evidence of the innovation drive.

Feucht: The centre of excellence for green fodder crop. This is where the Slicer and Cutter mowers, the Former hay rake and the Twister tedder are developed and produced. With the innovative use of lean management, the machine assembly results in low stocks and short lead times.



Hesston: Our centre of excellence for big balers and crop technology. With more than 30 years' experience, Hesston builds big balers of the highest quality. With its new approx. 18,850 m² painting and finishing facility, this site sets new benchmarks in the agricultural machinery sector. With electrical coating (E-Coat), and powder coating, we adopted processes that gives every part a thorough, even and long-lasting finish.

Hohenmölsen: State of the art production over 42 acres. This state of the art production facility complies with all the requirements of technical progress and creates ideal working conditions for the assembly of the Fendt Katana forage harvester. But that's not all. The Rogator 300 and 600 sprayers are also given life here.



Breganze: The home of AGCO European Harvesting Operations and combine harvester production. Only the highest quality machines leave the yard. On a cutting edge testing bench, our combine harvesters are investigated very carefully and undergo a variety of testing procedures, so that the customer gets a high-quality product that does justice to its Fendt badge.

FENDT

Leaders drive Fendt!



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